

Title (en)  
CRANE AND PATH GENERATION SYSTEM

Title (de)  
KRAN UND WEGGENERIERUNGSSYSTEM

Title (fr)  
GRUE ET SYSTÈME DE GÉNÉRATION DE CHEMIN

Publication  
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Application  
**EP 20754871 A 20200205**

Priority  
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Abstract (en)  
[origin: EP3925922A1] Provided are a crane and a path generation system that can generate a transport path capable of avoiding an obstacle even if the obstacle moves. The crane (1) includes a boom (7) and a hook (10) suspended from the boom (7) by a wire rope (8) and transports a load (W) in a state in which the load W is suspended from the hook (10), the crane (1) being equipped with a sensor (camera (55)) that detects the position of an obstacle (worker X), and a control device (20) that generates a transport path CR by arranging a plurality of node points P(n) in an area containing a lifting-up point (Ps) and a lifting-down point (Pe) of the load W and connecting the node points P(n). The control device (20) generates a new transport path (CR) after increasing the number of node points P(n) arranged around the obstacle (X) when the sensor (55) detects movement of the obstacle (X).

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